

# cNODE® Release mechanism

## Procedure - Replacing the Hook unit



KONGSBERG

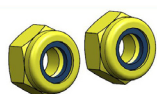
This is the procedure for replacing the Hook unit on cNODE Release mechanism.  
This procedure is valid for the cNODE Release mechanism, aluminium version P/N 325026.

### Tools required

- Allen key (Unbraco key) 5mm (for M6 bolt)
- Spanner 10mm (for M6 nut)

### Parts required

- P/N 330227 Hook unit release mechanism
- P/N 369891 Repair kit to replace Hook unit



- Replace these 3 nuts



- 1 spare washer and nut



- 1 spare washer and locking clip



- 1 small amount of grease.  
Lubricate shaft and roller.

### Procedure



1. This is the unit to replace.



2. Remove these 3 nuts.



3. Remove 3 off M6 x 40 bolts.  
 Note! There is only one washer under the nut. There is no washer under the bolt head.



4. Remove the Hook unit. You may have to wiggle or tap gently the unit with a hammer to release a jammed unit.



5. You may take the opportunity to verify that the Release mechanism subassembly is in good condition. The brass roller should rotate freely. The brass roller is now specified to have grease lubrication. – If the unit in question has no grease, remove the red plastic clip, washer and roller. Clean parts. Lubricate shaft and hole in the roller with grease (NOT WD-40 or similar). KM uses Molykote 44-Medium silicone grease. Replace roller, washer, and red plastic clip. To replace the Hook unit, repeat steps 4, 3, then 2. In case of problems, see picture in step 6.



6. The mechanism operates by slowly rotating the off-center shaft that can be seen when the Hook unit is removed.  
 – If this is not in its normal resting position, the Hook unit will not slip directly into place. In this case, press and hold the “Open” button while replacing the Hook unit onto the Subassembly.

370192 / Rev. A / April 2012

## Kongsberg Maritime AS

Strandpromenaden 50  
 P.O.Box 111  
 N-3191 Horten,  
 Norway

Telephone: +47 33 03 41 00  
 Telefax: +47 33 04 47 53  
[www.kongsberg.com](http://www.kongsberg.com)  
[subsea@kongsberg.com](mailto:subsea@kongsberg.com)



KONGSBERG